

Title (en)
Method and arrangement for prioritized data transmission

Title (de)
Verfahren und Anlage zur priorisierten Datenübertragung

Title (fr)
Méthode et dispositif de transmission priorisée de données

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Application
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Priority
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Abstract (en)
A method for prioritised data transmission to a common transmission medium from a plurality of interface modules coupled to it, for interfacing at least one input bitstream with said common transmission medium, whereby access is arbitrated on the basis of a module priority of each interface module, is such that, for at least one interface module, the module priority is dependent on at least one connection parameter associated to packets of said at least one input bitstream. An arrangement for performing this method is described as well as several variant implementations of the method and the arrangement. <IMAGE>

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Citation (search report)

- [A] US 5499238 A 19960312 - SHON SEUNG W [KR]
- [X] LANDSBERG P ET AL: "GENERIC QUEUE SCHEDULING: CONCEPTS AND VLSI", PROCEEDINGS OF THE CONFERENCE ON COMPUTER COMMUNICATIONS (INFOCOM), TORONTO, JUNE 12 - 16, 1994, vol. 3, 12 June 1994 (1994-06-12), INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 1438 - 1445, XP000496609
- [X] HYMAN J ET AL: "MARS: THE MAGNET II REAL-TIME SCHEDULING ALGORITHM", PROCEEDINGS OF THE CONFERENCE ON COMMUNICATIONS ARCHITECTURES AND PROTOCOLS (SIGCOMM), ZURICH, SEPT. 3 - 6, 1991, vol. 21, NUMBER 4, 3 September 1991 (1991-09-03), ASSOCIATION FOR COMPUTING MACHINERY, pages 285 - 293, XP000260087

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